

**Forensic Environmental Services, Inc.**

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September 2, 2015

Kenneth Thiessen, Certified Engineering Geologist  
Oregon Dept. of Environmental Quality  
NW Region Cleanup Program  
700 NE Multnomah St., Suite 600, Portland, OR 97232  
(503) 229-6015

Re: Supplemental Source Control Evaluation (SSCE) Workplan  
Former Bird Roofing facility (aka GS Roofing)  
6350 NW Front Avenue  
Portland, Oregon

Dear Mr. Thiessen:

Forensic Environmental Services, Inc. (FES), on behalf of CertainTeed Corporation (CertainTeed), submits this Supplemental Source Control Evaluation (SSCE) Workplan to further investigate soil and groundwater quality at the Former Bird Roofing (Former Bird) facility (aka GS Roofing) in Portland, Oregon. This workplan has been prepared in response to: 1) March 18, 2015 comments received from the Oregon Department of Environmental Quality (DEQ) on the June 2012 SCE Report prepared by FES; and 2) the June 3, 2015 joint meeting between FES, CertainTeed, and the DEQ and subsequent comments received from the DEQ. Data collected in conjunction with the supplemental activities described in this workplan will be used to update and revise the SCE Report.


The following potential pathways from the Former Bird site to the Willamette River and/or Saltzman Creek require additional assessment: 1) overland flow (soil and stormwater), which is directed to the stormwater system; 2) permitted stormwater flow to outfalls along Saltzman Creek; 3) infiltration/exfiltration of groundwater/stormwater in certain segments of the stormwater piping; 4) groundwater transport; and 5) bank erosion. This workplan addresses the groundwater (#4) and erosion of riverbank soil (#5) pathways; the stormwater pathways are being addressed under the stormwater SCE (but a summary discussion of stormwater will be included in the revised SCE).

The attached SSCE Workplan includes a brief introduction, and site description and background information (Section 1). Monitoring well installation is discussed in Section 2 (Task 1 of the Workplan) and groundwater sampling is reviewed in Section 3 (Task 2). Additional surface water and sediment sampling is proposed for Saltzman Creek (Task 3) as is supplemental sampling of riverbank soils along Saltzman Creek and the Willamette River (Task 4). The last task (Task 5) includes details on the proposed pore water study between the Former Bird site and the adjacent edge of Saltzman Creek and the Willamette River. Section 7 of the Workplan discusses decontamination and waste disposal, Section 8 summarizes field Quality Assurance/Quality Control (QA/QC) samples, and Section 9 presents the proposed schedule. References and a list of acronyms/abbreviations are provided as Sections 10 & 11, respectively. Appendices to the SSCE Workplan appendices include a Quality Assurance Project Plan (QAPP), a Sampling and Analysis Plan (SAP), and a Health and Safety Plan (HASP).

FES will begin making final arrangements for the proposed field activities after receipt of your approval. If you have any questions, please feel free to contact me at (610) 594-3940.

Sincerely yours,

FORENSIC ENVIRONMENTAL SERVICES, INC.



Robert W. Zei, Ph.D., RG #G2076  
Sr. Project Manager

cc: Steven Johnston, CertainTeed Corporation  
Lauren Alterman, Esq., Saint-Gobain Corporation  
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